

TAGGING
F5959-6199

2643

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
1A	2643	036	12	10	74	28AG	3545	7527
DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP. (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)	
0010	09	11	06	026	Y	NW	10	
S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
3	Ch	SA	E	FT	070	-	13	030
RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)				
01	00489	0003	0000	00010				

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
-	-	-	-	-

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
START	35°45'	75°27'	3H4	3H5	10		PO	DO
			1354	2957			1316	1318
FINISH	35°46'	75°29'			10		PU	ON
			1362	2961			1348	1351

LENGTH WARE	SHIFT RPM	PITCH	GEAR DATA:
75	1100/5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS
Top 9.2°C Bottom 11.4 Bottom AT 66FT
From 3H4 1362 3H5 2961 10 fms
To 3H4 1361 3H5 2959 7 fms
LAT. 35°45' Long. 75°28'



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R/V DAN MOORE SPECIES LIST

STA. NO. 2643 DATE 10 Dec 1974 BIOLOGISTS BFH, ABP

TOT. CATCH WT. 500 # Finfish: 489 Crust.: 3 Moll.: - Other 10

AIR 6°C SURFACE 9.2°C Bott 11.4

Tot catch = 10 Baskets = 500# Factor = 3.948 28AG

SPECIES	CODE	NUMBER	WEIGHT	DATA TAKEN	REMARKS
Subsample	43 + 48		91		
				165	KW
<i>Peprilus triacanthus</i>		54	7	28	12.5
<i>Squalus acanthias</i>		4	20	103	46.6
<i>Cynoscion regalis</i>		269	52	205	93.2
<i>C. nebulosus</i>		1	3	12	5.4
<i>Prionotus ovalis</i>		9	4	18	7.2
<i>Ummetia</i> & <i>inca</i> (other)		-	1KG	19	3.9
<i>Menticeratus phyllis</i>		1	.22 KG	2	0.7
<i>Leurostomus xanthurus</i>		1	.18 KG	2	0.7
<i>Callinectes sapidus</i> (Crust.)		1	.12 KG	1	0.5
<i>Faligo dentata</i> (other)		1	.10 KG	1	0.4
<i>Ornithoglossus</i> (Crust.)		2	.18 KG	2	0.7
		Total =	95.96 lbs	381	171.8
			43.57 kg		
Flounder		319	121		Tagged = 248 Retained = 78 319

Spot	99 - 15.16g
Raja	21 - 38.16g
croaker	18 - 3.16g
Miscellaneous	- 12.16g
Portunidae	- 0.5kg
long spine prisms	12 - 0.48kg
Prionotus sp.	2 - 0.4 kg
banded croaker	2 - 0.1kg
M. saxatilis	3 - 0.3kg
Pinfish	9 - 0.32kg
couch	1 - 0.34kg
2 C. bo. crabs	2 - 0.22kg
Squalus	2 - 0.1kg
Dasyatis Amer.	1 - 0.24
Etropus sp.	11 - 0.30
Volmer	1 - 0.02
harvet	1 - 0.04
butter	1 - 0.1
gray trout	1 - 0.08

28 AG-
Area II

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2643Tot. Fish Captured 319Date 10 Dec. 1974Tot. Fish Tagged 241Area of Release End of 2643No. Retained for analysis 78

LORAN Start _____

Gear Type Vantec #41

Finish _____

TAG NO.	Weight		F.L. (cm) mm	Species	Remarks
	Lbs.	Ozs.			
<u>F5959</u>			417	<i>P. dentatus</i>	
60			235	"	
61			252	"	
62			238	"	
63			225	"	
64			207	"	
65			425	"	
66			235	"	
67			252	"	
68			325	"	
69			217	"	
70			228	"	
71			217	"	
72			225	"	
73			206	"	
74			261	"	
75			207	"	
76			331	"	
77			222	"	
78			233	"	
79			217	"	
80			235	"	
81			255	"	
82			229	"	
83			228	"	
84			217	"	
85			240	"	
86			227	"	
87			235	"	
88			232	"	
89			226	"	
90			230	"	
91			208	"	
92			222	"	
93			235	"	
94			249	"	
95			272	"	
96			213	"	
97			241	"	
98			300	"	
99			360	"	
0000			213	"	

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ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2043 (cont)

Tot. Fish Captured _____

Date 10 Dec. 1974

Tot. Fish Tagged _____

Area of Release _____

No. Retained for analysis _____

LORAN Start _____

Gear Type Yankee #41

Finish _____

TAG. NO.	Weight		F.L. (cm)	Species	Remarks
	Lbs.	Ozs.			
F 0001			325	<i>P. dentatus</i>	
2			418	"	
3			337	"	
4			197	"	
5			185	"	
6			252	"	
7			191	"	
8			335	"	
9			229	"	
10			242	"	
11			236	"	
12			239	"	
13			218	"	
14			226	"	
15			232	"	
16			247	"	
17			215	"	
18			408	"	
19			220	"	
20			514 ✓	"	
21			244	"	
22			216	"	
23			535 ✓	"	
24			371	"	
25			305	"	
26			215	"	
27			245	"	
28			454	"	
29			468	"	
30			358	"	
31			255	"	
32			233 ✓	"	
33			215	"	
34			521	"	
35			477 ✓	"	
36			235 ✓	"	
37			312 ✓	"	
38			261	"	
39			291	"	
40			322	"	
41			260 ✓	"	
42			225	"	

Date		Time		Location		Remarks	

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2043 (cont)

Tot. Fish Captured _____

Date 10 Dec 1974

Tot. Fish Tagged _____

Area of Release _____

No. Retained for analysis _____

LORAN Start _____

Gear Type _____

Finish _____

TAG. NO.	Weight		F.L. (cm) mm	Species	Remarks
	Lbs.	Ozs.			
F 0343			250	P. longicorpus	
44			215	"	
45			243	"	
46			357	"	
47			382	"	
48			222	"	
49			355	"	
50			379	"	
51			325	"	
52			255✓	"	
53			222	"	
54			213	"	
55			346	"	
56			265	"	
57			257	"	
58			258	"	
59			214	"	
60			215	"	
61			322	"	
62			242	"	
63			247	"	
64			205	"	
65			212	"	
66			232	"	
67			202	"	
68			304	"	
69			254	"	
70			211✓	"	
71			233	"	
72			200	"	
73			247	"	
74			443✓	"	
75			303✓	"	
76			351	"	
77			305	"	
78			281✓	"	
79			251	"	
80			391	"	
81			292	"	
82			224	"	
83			283	"	
84			314	"	

NO information accepted
growth

shipped in

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2043 (cont)

Tot. Fish Captured _____

Date 10 Dec. 1994

Tot. Fish Tagged _____

Area of Release _____

No. Retained for analysis _____

LORAN Start _____

Gear Type _____

Finish _____

TAG. NO.	Weight		F.L. (cm) mm	Species	Remarks
	Lbs.	Ozs.			
F 6085			205	P. dentatus	
86			222	"	
87			221 ✓	"	
88			238	"	
89			225 ✓	"	
90			242	"	
91			222	"	
92			207	"	
93			235	"	
94			216	"	
95			240	"	
96			245	"	
97			233 ✓	"	
98			230	"	
99			332 ✓	"	
E 0100			310	"	
1			320	"	
2			225	"	
3			302	"	
4			320	"	
5			251 ✓	"	
6			235	"	
7			226	"	
8			218	"	
9			217	"	
10			195	"	
11			227	"	
12			232	"	
13			304	"	
14			215	"	
15			211	"	
16			230	"	
17			254	"	
18			255	"	
19			227	"	
20			217	"	
21			318	"	
22			273	"	
23			259	"	
24			206	"	
25			222	"	
26			239	"	

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2043 (cont)

Tot. Fish Captured _____

Date 10 Dec. 1974

Tot. Fish Tagged _____

Area of Release _____

No. Retained for analysis _____

LORAN Start _____

Gear Type _____

Finish _____

TAG. NO.	Weight		F.L. (cm) mm	Species	Remarks
	Lbs.	Ozs.			
FG127			207	<i>P. dentatus</i>	
28			292	"	
29			220	"	
30			227	"	
31			230	"	
32			247	"	
33			227	"	
34			253	"	
35			226	"	
36			233	"	
37			210	"	
38			292	"	
39			233	"	
40			278	"	
41			253	"	
42			235	"	
43			223	"	
44			341	"	
45			266	"	
46			228	"	
47			218	"	
48			226	"	
49			227	"	
50			203	"	
51			216	"	
52			227	"	
53			245	"	
54			196	"	
55			235	"	
56			223	"	
57			207	"	
58			237	"	
59			222	"	
60			228	"	
61			212	"	
62			267	"	
63			217	"	
64			210	"	
65			245	"	
66			192	"	
67			358	"	
68			217	"	
					Tanager Sound off Deal's Island, Md.

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2043 (cont)

Tot. Fish Captured _____

Date 10 Dec. 1974

Tot. Fish Tagged _____

Area of Release _____

No. Retained for analysis _____

LORAN Start _____

Gear Type _____

Finish

TAG. NO.	Weight		F.L.	Species	Remarks
	Lbs.	Ozs.	(cm) mm		
FG 169			272	<i>P. dentatus</i>	
70			216	"	
71			217	"	
(72)			322 ✓	"	
73			300	"	
74			257	"	
75			220	"	
76			230	"	
77			218	"	
78			323	"	
79			233	"	
80			237	"	
81			230	"	
82			207	"	
83			225	"	
84			225	"	
85			250	"	
86			304	"	
87			282	"	
88			330	"	
89			244	"	
90			324	"	
91			254	"	
92			246	"	
93			257	"	
94			247	"	
95			232	"	
96			232	"	
97			247	"	
98			253	"	
99			243	"	

December, 1974

Species: Paralichthys dentatus (1974-1975)

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
H-1	256	♂	✓	✓	✓			I	2630	
H-2	246	♂	✓	✓	✓			I	"	
H-3	229	♂	✓	✓	✓			I	"	
12-1	239	♀	✓	✓	✓			I	2643	Area II
2	223	♀	✓	✓	✓			I	"	
3	220	♂	✓	✓	✓			I	"	
4	231	♂	✓	✓	✓			I	"	
5	216	♀	✓	✓	✓			I	"	
6	210	♀	✓	✓	✓			I	"	
7	221	♂	✓	✓	✓			I	"	
8	232	♂	✓	✓	✓			I	"	
9	235	♀	✓	✓	✓			I	"	
10	217	♂	✓	✓	✓			I	"	
11	206	♂	✓	✓	✓			I	"	
12	250	♂	✓	✓	✓			I	"	
13	213	♂	✓	✓	✓			I	"	
14	207	♂	✓	✓	✓			I	"	
15	227	♀	✓	✓	✓			I	"	
16	173	♀	✓	✓	✓			I	"	
17	209	♂	✓	✓	✓			I	"	
18	210	♂	✓	✓	✓			I	"	
19	214	♂	✓	✓	✓			I	"	
20	230	♀	✓	✓	✓			I	"	
21	245	♀	✓	✓	✓			I	"	
22	224	♀	✓	✓	✓			I	"	
23	210	♀	✓	✓	✓			I	"	
24	221	♀	✓	✓	✓			I	"	
25	222	♀	✓	✓	✓			I	"	
26	202	♂	✓	✓	✓			I	"	
27	228	♀	✓	✓	✓			I	"	
28	210	♂	✓	✓	✓			I	"	
29	227	♂	✓	✓	✓			I	"	
30	210	♂	✓	✓	✓			I	"	
31	211	♀	✓	✓	✓			I	"	
32	206	♀	✓	✓	✓			I	"	
33	195	♂	✓	✓	✓			I	"	
34	225	♂	✓	✓	✓			I	"	
35	252	♂	✓	✓	✓			I	"	
36	206	♂	✓	✓	✓			I	"	
37	246	♀	✓	✓	✓			I	"	
38	200	♂	✓	✓	✓			I	"	
39	223	♀	✓	✓	✓			I	"	
40	203	♀	✓	✓	✓			I	"	
41	225	♀	✓	✓	✓			I	"	
42	196	♀	✓	✓	✓			I	"	
43	212	♂	✓	✓	✓			I	"	
44	210	♂	✓	✓	✓			I	"	
45	189	♂	✓	✓	✓			I	"	
12-46	221	♂	✓	✓	✓			I	"	

Species. Paralichthys dentatus (1974-1975)

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Oocyte size	Age	Gonad Stage	Station Number	Remarks
12-47	187	♂	✓	✓	✓			I	2643	Area II
48	207	♂	✓	✓	✓			I	"	
49	213	♂	✓	✓	✓			I	"	
50	220	♂	✓	✓	✓			I	"	
51	232	♂	✓	✓	✓			I	"	
52	208	♂	✓	✓	✓			I	"	
53	216	♂	✓	✓	✓			I	"	
54	211	♂	✓	✓	✓			I	"	
55	201	♂	✓	✓	✓			I	"	
56	196	♂	✓	✓	✓			I	"	
57	221	♂	✓	✓	✓			I	"	
58	232	♂	✓	✓	✓			I	"	
59	211	♂	✓	✓	✓			I	"	
60	205	♂	✓	✓	✓			I	"	
61	217	♂	✓	✓	✓			I	"	
62	226	♂	✓	✓	✓			I	"	
63	221	♂	✓	✓	✓			I	"	
64	235	♂	✓	✓	✓			I	"	
65	206	♂	✓	✓	✓			I	"	
66	232	♂	✓	✓	✓			I	"	
67	191	♂	✓	✓	✓			I	"	
68	214	♂	✓	✓	✓			I	"	
69	202	♂	✓	✓	✓			I	"	
70	224	♂	✓	✓	✓			I	"	
71	192	♂	✓	✓	✓			I	"	
72	228	♂	✓	✓	✓			I	"	
73	228	♂	✓	✓	✓			I	"	
74	201	♂	✓	✓	✓			I	"	
75	215	♂	✓	✓	✓			I	"	
76	217	♂	✓	✓	✓			I	"	
77	212	♂	✓	✓	✓			I	"	
12-78	206	♂	✓	✓	✓			I	"	
12-79	490	♂	✓	✓	✓			II-II	2662	Area III
12-80	548	♂	✓	✓	✓			I	2663	Area III

Length-frequency distribution

Species: *P. dentatus*

Date: Dec. 1974

Station: 2643 (2, 28AG)

2644 (2, 28AF)

Locality: 2645 (2, 27AF)

109-

T.L.	2643(T)	2643♂	2643♀	T.L.	2644(T)	2645(T)
100-109				100-		
110-				110-		
120-				120-		
130-				130-	①	
140-				140-		
150-				150-		①
160-				160-		
170-	①		①	170-		
180-	④	②	②	180-		⑤
190-	④	③	②	190-		⑥
200-	④	⑨	⑥	200-	②	④
210-	③	⑤	⑦	210-	⑥	⑥
220-	③	④	⑤	220-	⑥	④
230-	③	④	⑤	230-	⑥	⑥
240-	②	②	②	240-	⑥	③
250-	②	②		250-	①	③
260-	④			260-	⑩	
270-	④			270-	⑨	
280-	④			280-	⑨	
290-	⑤			290-	②	①
300-	④			300-	⑨	②
310-	④			310-	⑨	
320-	⑦			320-	④	①
330-	⑤			330-	④	
340-	②			340-	④	①
350-	③			350-	②	①
360-	③			360-	③	①
370-	③			370-	①	①
380-	②			380-		①
390-	②			390-	②	
400-	②			400-	③	
410-	②			410-	①	①
420-	①			420-		②
430-				430-	①	
440-	①			440-		
450-	①			450-	①	
460-	①			460-		
470-	①			470-		①
480-				480-	①	
490-				490-	①	
500-				500-		
510-	①			510-		
520-	①			520-		
530-	①			530-	①	
540-				540-		
550-				550-		
560-		2643 tagged 241		560-	N=141	N=81
570-		2643 ♂ 42		570-		
580-		2643 ♀ 36		580-		
590-		total 319 = N		590-		

Sheet ___ of ___

2643

